

Volunteer: Myrle & Jill Reiswig

Lake: Lawrence (11-0053) Lake Area (acres): 230.0

Site: 202

County: Cass Ecoregion: Northern Lakes and Forests Max Depth (ft): 71

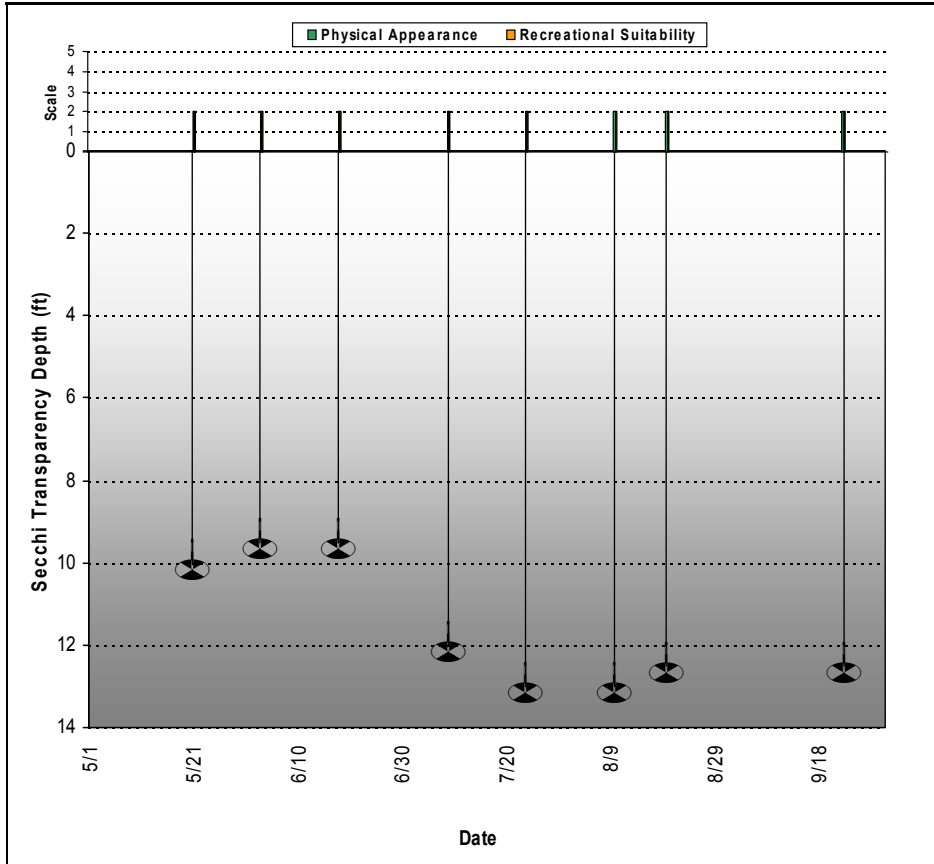
Nearest Town: ATOUTING

Years of Data at This Site: 12 Total Number of Secchi Disk Readings Across All Years: 92

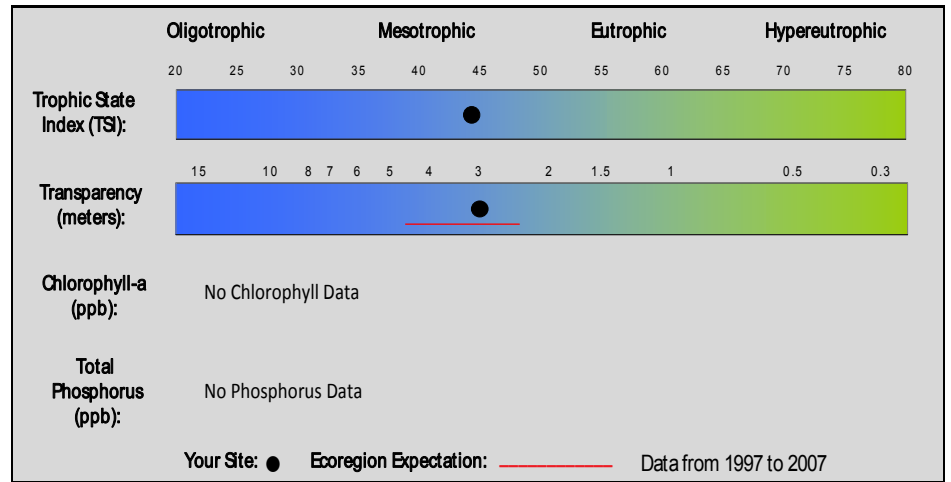
Current Year Summary 5/21/2007 to 9/23/2007

| | Count | Mean | Min | Max |
|--------------------------------|-------|------|-----|------|
| Secchi Transparency Data (ft): | 8 | 11.5 | 9.5 | 13.0 |
| Physical Appearance: | 8 | 2 | 2 | 2 |
| Recreational Suitability: | 8 | 2 | 2 | 2 |

2007 Secchi Transparency and User Perception Data (if available)

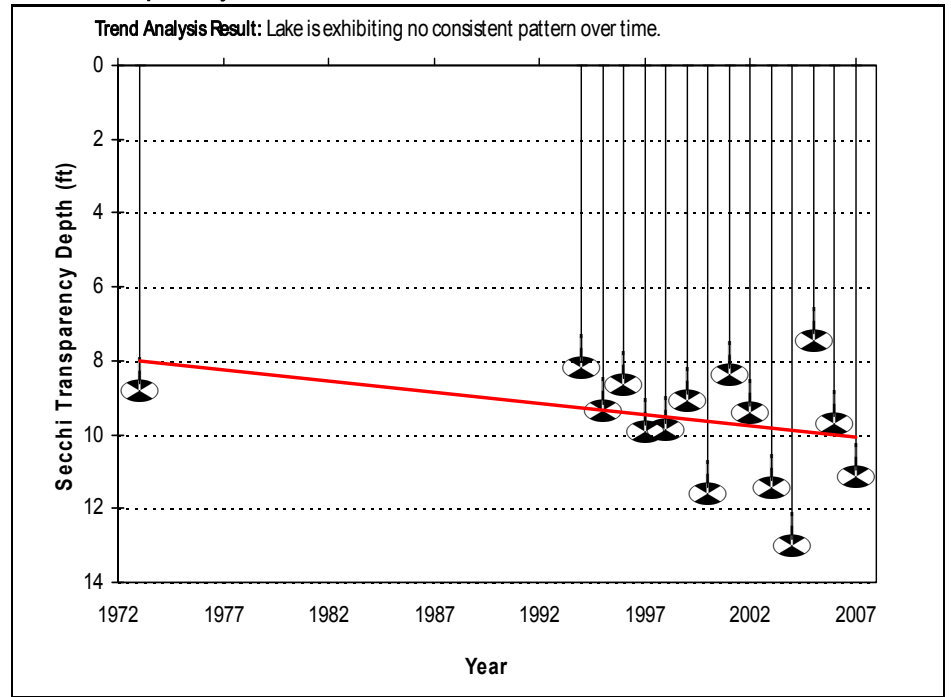


Indicators of Nutrient Richness



Aquatic Recreation Assessment: Does not have adequate data for an assessment at this time.

Secchi Transparency Trend Data



Minor Watershed Name: Area (sq mi):

Lake Name:

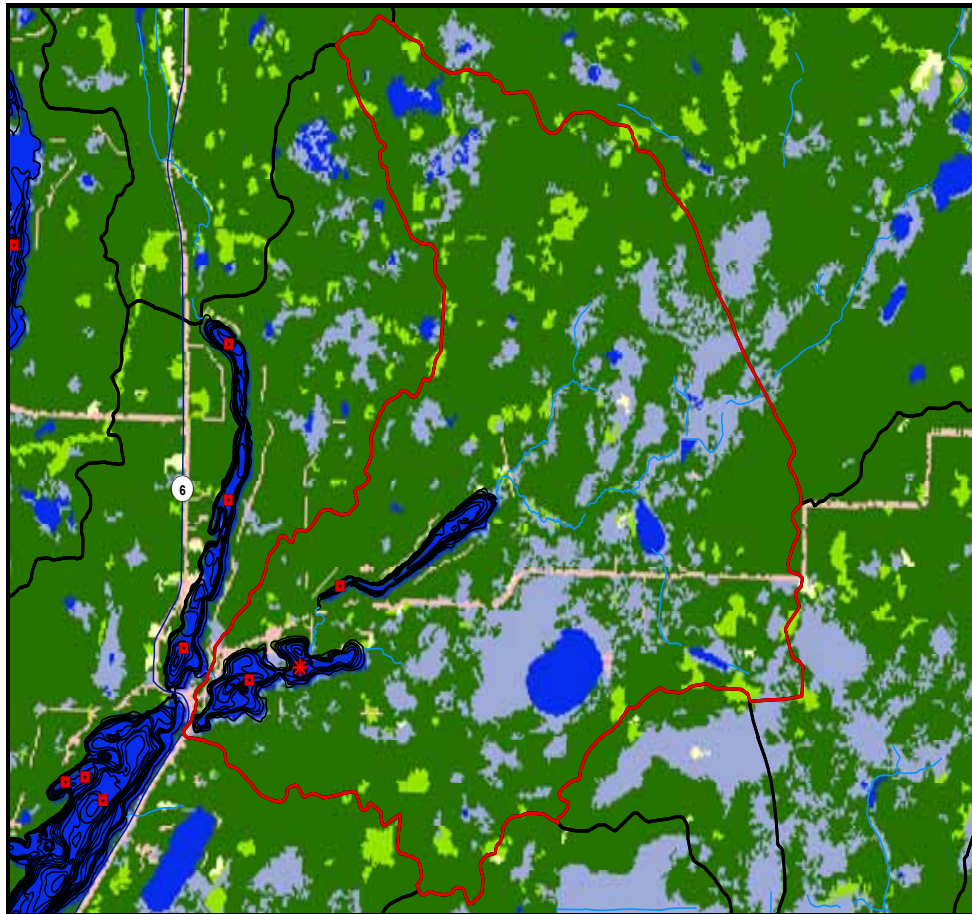


Minnesota Pollution Control Agency

Citizen Lake Monitoring Program

Individual Site Report

April 2008



| Map Legend: | | Open Water | Wetlands | Forest | Pasture | Agriculture | Impervious | Barren | Your CLMP Site |
|-------------------------------|--|------------|----------|--------|---------|-------------|------------|--------|--------------------|
| | | | | | | | | | Other CLMP Sites |
| | | | | | | | | | Selected Watershed |
| | | | | | | | | | Watershed Boundary |
| | | | | | | | | | Highway |
| | | | | | | | | | Water |
| Land Use Percentages*: | | 1992: 6.2 | 17.4 | 67.6 | 7.3 | 0.3 | 1.3 | 0.0 | |
| | | 2001: 6.1 | 18.4 | 69.9 | 3.7 | 0.2 | 1.6 | 0.0 | |

*Within the minor watershed. Map shows 2001 land use data.

Introduction

Thank you for participating in the Citizen Lake Monitoring Program (CLMP)! The Minnesota Pollution Control Agency (MPCA) greatly appreciates the valuable work that you do to protect and improve your lake's water quality.

can support aquatic recreation uses such as swimming, wading, and overall aesthetics. The use categories are: support, non-support or insufficient data.

- ⊕ The Secchi Transparency Trend Data section describes how the transparency of your lake has changed statistically over time. It also provides a chart of your lake's summer mean transparency over time with a trend line.

Understanding Your Report

A total of 1,187 CLMP volunteers monitored 2,207 sites on 1,263 lakes taking 16,160 individual Secchi readings in 2007. This report provides you with summary information for the specific site you monitored this year as well as historic data for your whole lake.

Page four provides a map of your lake's immediate watershed area and land uses, as well as a table showing how land uses have changed over time. The map also shows the location of other CLMP sites in your area.

Page two of this report provides an in-depth look at the CLMP data that you collected in 2007 for your lake. It presents site-specific summary statistics and a chart of your current year's data.

For More Information

If you would like more detailed information on the various sections of your report, or if you would like to see a summary of all CLMP data collected during 2007, the statewide annual report will be available on the MPCA Web site:

www.pca.state.mn.us/water/dmp-publications.html#annualreports

Page three of this report shows whole-lake summary information based on all available data for your lake. It is divided into three sections: Indicators of Nutrient Richness, Aquatic Recreation Assessment, and Secchi Transparency Trend Data.

- ⊕ The Indicators of Nutrient Richness section depicts your lake's overall health. It also provides ten-year average total phosphorus (TP), chlorophyll-a, and Secchi transparency values for your lake if the data is available.

If you have questions or comments on this report, please contact CLMP staff at 651-296-6300 (Twin Cities Metro Only) or 800-657-3864 (Greater MN only) or by e-mail at:

dmp@pca.state.mn.us

